

ON THE GENERA OF NORTH AMERICAN FRESH-WATER FISHES.

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In the present paper, the authors design to give in strict chronological order the names of all the genera thus far proposed which have been based on species of North American fresh-water fishes.

In the chronological catalogue is given under the head of each genus (*a*) its author, (*b*) the place where it was first proposed, and (*c*) its type species. In case no species is designated, either explicitly or virtually, as the type of a genus, the species first mentioned as belonging to it is, according to general custom, considered as the intended type.

A discussion of synonyms is next given; and, finally, an alphabetic list of genera with the etymology of generic names completes the paper.

No distinction has been here made between names proposed for "genera" and for "subgenera." Most modern "subgenera" have been at some time regarded as "genera," and most "subgenera" have been proposed in the expectation that future writers would elevate them to generic rank.

Generic names used without any sort of definition (e. g., *Cheilobus*, *Glanis*, *Miniculus*, *Oplictis*, *Leptostoma*, etc., of Rafinesque, Am. Monthly Magazine) have been left unnoticed, except in cases (e. g., *Apeltes*, Dekay, *Pygosteus*, Brevoort) where reference to some previously known species as the type is in itself a sort of characterization.

The authors have endeavored to ensure accuracy in quotations. A few works, not at present accessible to them, have been cited at second hand. These cases are designated by the use of quotation marks.

CATALOGUE.

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| 1766. | <i>Amia</i> , Linnæus, <i>Systema Naturæ</i> I. <i>Amia calva</i> , Linnæus, 1766. | 500 |
| 1798. | <i>Polyodon</i> , Lacépède, <i>Hist. Nat. des Poissons</i> I. " <i>P. feuille</i> ," Lac. 1798 (folium). (<i>Sine patria</i> .) | 402 |
| 1802. | <i>Micropterus</i> , Lacépède, " <i>Hist. Nat. des Poissons</i> IV." <i>M. dolomieu</i> , Lac. 1801. (<i>Sine patria</i> .) | 324 |

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| 1803. | Fundulus, Lacépède, Hist. Nat. des Poissons V. F. mudfish, Lac. 1803. | 37 |
| 1803. | Lepisosteus, Lacépède, Hist. Nat. des Poissons V. L. gavialis, Lac. 1803. | 331 |
| 1803. | Hydrargira, Lacépède, Hist. Nat. des Poissons V. H. swampina, Lac. 1803. | 378 |
| 1803. | Cyprinodon, Lacépède, Hist. Nat. des Poissons V. C. variegatus, Lac. 1803. | 486 |
| 1804. | Spatularia, Shaw, General Zoology V. S. reticulata, Shaw, 1804. | 362 |
| 1814. | Morone, Mitchill, Report in Part on Fishes of New York. Morone pallida, Mitch. 1814. | 18 |
| 1814. | Roccus, Mitchill, Report in Part on Fishes of New York. R. striatus, Mitch. 1814. | 25 |
| 1817. | Catostomus, LeSueur, Journal Acad. Nat. Sci. Phila. I. Cyprinus catostomus, Forster (C. hudsonius, LeS.). | 89 |
| 1818. | Notropis, Rafinesque, Amer. Monthly Magazine II. N. atherinoides, Raf. 1818. | 204 |
| 1818. | Platirostra, LeSueur, Journal Acad. Nat. Sci. Phila. I. P. edentula, LeS. 1818. | 223 |
| 1818. | Hiodon, LeSueur, Journal Acad. Nat. Sci. Phila. I. H. tergisus, LeS. 1818. | 364 |
| 1818. | Glossodon, Rafinesque, Amer. Monthly Magazine II. G. harengoides, Raf. 1818. | 354 |
| 1818. | Pomoxis, Rafinesque, Journal Acad. Nat. Sci. Phila. I. P. annularis, Raf. 1818. | 417 |
| 1818. | Sarchirus, Rafinesque, Journal Acad. Nat. Sci. Phila. I. S. vittatus, Raf. 1818. | 419 |
| 1818. | Exoglossum, Rafinesque, Journal Acad. Nat. Sci. Phila. I. E. lesueurianum, Raf. 1818. | 420 |
| 1818. | Maxillingua, Rafinesque, Journal Acad. Nat. Sci. Phila. I. Cyprinus maxillingua, LeSueur, 1818. | 421 |

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| 1818. | Hypentelium, Rafinesque, Journal Acad. Nat. Sci. Phila. I. Exoglossum macropterum, Raf. 1818. | 421 |
| 1818. | Litholepis, Rafinesque, Amer. Monthly Magazine III. L. adamantinus, Raf. 1818. | 447 |
| 1819. | Aplodinotus, Rafinesque, Journal de Physique, etc. A. grunniens, Raf. 1819. | 418 |
| 1819. | Etheostoma, Rafinesque, Journal de Physique. E. flabellaris, Raf. | 419 |
| 1819. | Pogostoma, Rafinesque, Journal de Physique. P. leucops, Raf. 1819. | 419 |
| 1819. | Leucops, Rafinesque, Journal de Physique. Pogostoma leucops, Raf. 1819. | 419 |
| 1819. | Aplocentrus, Rafinesque, Journal de Physique. Bodianus calliops, Raf. 1818. | 419 |
| 1819. | Calliurus, Rafinesque, Journal de Physique. C. punctulatus, Raf. 1820. | 420 |
| 1819. | Lepomis, Rafinesque, Journal de Physique. Labrus auritus, "of authors." | 420 |
| 1819. | Pomotis, Rafinesque, Journal de Physique. (No type; Cuvier emend.; type P. vulgaris, C. & V.). | 420 |
| 1819. | Apomotis, Raf., Journal de Physique. Lepomis cyanellus, Raf. 1819. | 420 |
| 1819. | Notemigonus, Rafinesque, Journal de Physique. N. auratus, Raf. 1819. | 420 |
| 1819. | Amphiodon, Rafinesque, Journal de Physique. A. alveoides, Raf. 1819 (misprint for alosoides). | 421 |
| 1819. | Ambiodon, Rafinesque, Journal de Physique. Teeth of Aplodinotus grunniens, ascribed to A. bubalus, Raf. 1819. | 421 |
| 1819. | Cycleptus, Rafinesque, Journal de Physique. C. nigrescens, Raf. 1819. | 421 |
| 1819. | Noturus Rafinesque, Journal de Physique. N. luteus, Raf. 1819. (Called N. flavus in 1818.) | 421 |
| 1819. | Pylodictis, Rafinesque, Journal de Physique. P. limosus, Raf. 1819. | 422 |
| 1820. | Lepibema, Rafinesque, Ichthyologia Ohiensis. Perca chrysops, Raf. 1820. | 23 |

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| 1820. | Stizostedion, Rafinesque, Ichthyologia Ohiensis. Perca salmonea, Raf. 1818. | 23 |
| 1820. | Pomacampsis, Rafinesque, Ichthyologia Ohiensis. Perca nigropunctata, Raf. 1820. | 23 |
| 1820. | Iethelis, Rafinesque, Ichthyologia Ohiensis. Labrus auritus, L. | 27 |
| 1820. | Telipomis, Rafinesque, Ichthyologia Ohiensis. No type (L. cyanellus, Raf. 1819, Nelson emend.) | 27 |
| 1820. | Aplites, Rafinesque, Ichthyologia Ohiensis. Lepomis pallida, Raf. 1820. | 30 |
| 1820. | Nemocampsis, Rafinesque, Ichthyologia Ohiensis. Lepomis flexuolaris, Raf. 1820. | 31 |
| 1820. | Dioplites, Rafinesque, Ichthyologia Ohiensis. Lepomis salmonea, Raf. 1820. | 32 |
| 1820. | Ambloplites, Rafinesque, Ichthyologia Ohiensis. Lepomis ichtheloides, Raf. 1820. | 33 |
| 1820. | Aplesion, Rafinesque, Ichthyologia Ohiensis. Etheostoma calliura, Raf. 1820. | 36 |
| 1820. | Diplesion, Rafinesque, Ichthyologia Ohiensis. E. blennioides, Raf. 1819. | 37 |
| 1820. | Pomolobus, Rafinesque, Ichthyologia Ohiensis. P. chrysochloris, Raf. 1820. | 38 |
| 1820. | Dorosoma, Rafinesque, Ichthyologia Ohiensis. D. notata, Raf. 1820. | 39 |
| 1820. | Clodalus, Rafinesque, Ichthyologia Ohiensis. Hyodon clodalus, LeSueur, 1818. | 43 |
| 1820. | Minnilus, Rafinesque, Ichthyologia Ohiensis. M. dinemus, Raf. 1820. | 45 |
| 1820. | Luxilus, Rafinesque, Ichthyologia Ohiensis. L. chrysocephalus, Raf. 1820. | 47 |
| 1820. | Chrosomus, Rafinesque, Ichthyologia Ohiensis. Luxilus erythrogaster, Raf. 1820. | 47 |
| 1820. | Semotilus, Rafinesque, Ichthyologia Ohiensis. S. dorsalis, Raf. 1820. | 49 |
| 1820. | Pimephales, Rafinesque, Ichthyologia Ohiensis. P. promelas, Raf. 1820. | 52 |
| 1820. | Moxostoma, Rafinesque, Ichthyologia Ohiensis. Catostomus anisurus, Raf. 1820. | 54 |

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| 1820. | Ictiobus, Rafinesque, Ichthyologia Ohiensis. <i>Ambodon bubalus</i> , Raf. 1819. | 55 |
| 1820. | Carpiodes, Rafinesque, Ichthyologia Ohiensis. <i>Catostomus cyprinus</i> , LeSueur, 1817. | 56 |
| 1820. | Teretulus, Rafinesque, Ichthyologia Ohiensis. No type. | 57 |
| 1820. | Eurystomus, Rafinesque, Ichthyologia Ohiensis. <i>Catostomus megastomus</i> , Raf. 1820. | 60 |
| 1820. | Decactylus, Rafinesque, Ichthyologia Ohiensis. <i>Catostomus bostoniensis</i> , LeSueur, 1817. | 60 |
| 1820. | Ictalurus, Rafinesque, Ichthyologia Ohiensis. <i>Silurus maculatus</i> , Raf. 1819. | 62 |
| 1820. | Elliops, Rafinesque, Ichthyologia Ohiensis. <i>Silurus maculatus</i> , Raf. 1819. | 62 |
| 1820. | Leptops, Rafinesque, Ichthyologia Ohiensis. <i>Silurus viscosus</i> , Raf. 1819. | 64 |
| 1820. | Opladelus, Rafinesque, Ichthyologia Ohiensis. <i>Silurus nebulosus</i> , Raf. 1819. | 64 |
| 1820. | Ameiurus, Rafinesque, Ichthyologia Ohiensis. <i>Silurus cupreus</i> , Raf. 1819. | 65 |
| 1820. | Ilictis, Rafinesque, Ichthyologia Ohiensis. <i>Silurus limosus</i> , Raf. 1819. | 66 |
| 1820. | Picorellus, Rafinesque, Ichthyologia Ohiensis. <i>Esox vittatus</i> , Raf. 1818. | 70 |
| 1820. | Cylindrosteus, Rafinesque, Ichthyologia Ohiensis. <i>Lepisosteus platostomus</i> , Raf. 1820. | 72 |
| 1820. | Atractosteus, Rafinesque, Ichthyologia Ohiensis. <i>Lepisosteus ferox</i> , Raf. 1820. | 73 |
| 1820. | Sturio, Rafinesque, Ichthyologia Ohiensis. <i>Accipenser maculosus</i> , LeSueur, 1817. | 79 |
| 1820. | Sterletus, Rafinesque, Ichthyologia Ohiensis. <i>Accipenser sterletus</i> , Raf. 1820. | 80 |
| 1820. | Dinectus, Rafinesque, Ichthyologia Ohiensis. <i>Dinectus truncatus</i> , Raf. 1820. | 82 |
| 1820. | Pegedictis, Rafinesque, Ichthyologia Ohiensis. <i>P. ictalops</i> , Raf. 1820. | 84 |
| 1820. | Proceros, Rafinesque, Ichthyologia Ohiensis. <i>P. maculatus</i> , Raf. 1820. | 87 |

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| 1821. | Mollienesia, LeSueur, Journal of Acad. Nat. Sci. Phila. II. M. latipinna, LeS. 1821. | 3 |
| 1828. | Huro, Cuvier and Valenciennes, Poissons II. H. nigricans, C. & V. 1828. | 92 |
| 1829. | Grystes, Cuvier and Valenciennes, Poissons III. Labrus salmoides, Lacépède, 1800. | 40 |
| 1829. | Centrarchus, Cuvier, Poissons III. Labrus irideus, Lac. 1802. (Agass. emend.) | 62 |
| 1829. | Pomotis, Cuv. & Val., Poissons III. P. vulgaris, C. & V. 1829. | 67 |
| 1831. | Bryttus, Valenciennes, Poissons VII. B. punctatus, C. & V. 1831. | 346 |
| 1833. | Aphredoderus, LeSueur, Poissons IX. A. gibbosus, LeSueur, 1833. | 329 |
| 1835. | Scaphirhynchus, Heckel, "Ann. Wien. Mus. I." S. rafinesquii, Heck. 1835. | 71 |
| 1842. | Percina, Haldeman, Journ. Acad. Nat. Sci. Phila. VIII. Percia nebulosa, Hald. 1842. | 330 |
| 1842. | Pileoma, Dekay, New York Zoology, Fishes. P. semifasciata, Dek. 1842. | 16 |
| 1842. | Boleosoma, Dekay, Nat. Hist. N. Y., Fishes. B. tessellatum, Dek. 1842. | 20 |
| 1842. | Uranidea, Dekay, Nat. Hist. N. Y., Fishes. U. quiescens, Dek. 1842. | 61 |
| 1842. | Apeltes, Dekay, Nat. Hist. N. Y., Fishes. Gasterosteus quadracus, Mitchill, 1815. | 67 |
| 1842. | Argyrea, Dekay, Nat. Hist. N. Y., Fishes. Atherina notata, Mitchill, 1815. | 141 |
| 1842. | Amblyopsis, Dekay, Nat. Hist. N. Y., Fishes. A. splæus, Dek. 1842. | 187 |
| 1842. | Stilbe, Dekay, Nat. Hist. N. Y., Fishes. Cyprinus chrysoleucus, Mitchill, 1814 | 204 |
| 1842. | Baione, Dekay, Nat. Hist. N. Y., Fishes. B. fontinalis, Dek. 1849. | 244 |
| 1843. | Glossodon, Heckel, "Russegger's Reisen I." Cyprinus (Abramis?) smithii, Richardson, 1836. | 1033 |

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| 1843. | Argyreus, Heckel, "Russegger's Reisen I." Cyprinus atronasmus, Mitchill, 1815. | 1040 |
| 1843. | Leucosomus, Heckel, "Russegger's Reisen I." L. chrysolencus, Heck. 1840 (not of Mitchill) = L. pulchellus, Storer. | 1042 |
| 1844. | Sclerognathus, Cuvier and Valenciennes, Poissons XVII. Catostomus cyprinus, LeSueur, 1817. | 351 |
| 1850. | Percopsis, Agassiz, Lake Superior. P. guttatus, Ag. 1850. | 284 |
| 1850. | Pœcilosoma, Agassiz, Lake Superior. Etheostoma variatum, Kirtland, 1838. | 299 |
| 1850. | Argyrosomus, Agassiz, Lake Superior. Salmo clupeiiformis, Mitchill, 1818. | 339 |
| 1850. | Rhinichthys, Agassiz, Lake Superior. Cyprinus atronasmus, Mitchill, 1815. | 353 |
| 1850. | Salmoperca, Thompson, Proc. Bost. Soc. III. Percopsis pellucidus, Thomp. 1851. | 164 |
| 1850. | Cottopsis, Girard, Proc. Bost. Soc. III. Cottus asper, Richardson, 1836. | 303 |
| 1851. | Triglopsis, Girard, Proc. Bost. Soc. IV. T. thompsonii, Grd. 1851. | 16 |
| 1853. | Gila, Baird and Girard, Proc. Acad. Nat. Sc. Phila. N. S. VI. G. robusta, B. & G. 1853. | 368 |
| 1854. | Chologaster, Agassiz, Am. Journ. Sc. and Arts. C. cornutus, Ag. 1854. | 135 |
| 1854. | Heterandria, Agassiz, Am. Journ. Sc. and Arts. H. holbrookii, Ag. Mss. | 135 |
| 1854. | Zygonectes, Agassiz, Am. Journ. Sc. and Arts. Pœcilia olivacea, Storer, 1845. | 135 |
| 1854. | Melanura, Agassiz, Am. Journ. Sc. and Arts. Exoglossum annulatum, Rafinesque, 1818. | 135 |
| 1854. | Pœcilichthys, Agassiz, Am. Journ. Sc. and Arts. Etheostoma variatum, Kirtland, 1838. | 304 |
| 1854. | Catonotus, Agassiz, Am. Journ. Sc. and Arts. C. lineolatus, Ag. 1854. | 305 |
| 1854. | Hadropterus, Agassiz, Am. Journ. Sc. and Arts. H. nigrofasciatus, Ag. 1854. | 305 |

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| 1854. | Hyostoma, Agassiz, Am. Journ. Sc. and Arts. H. newmanii, Ag. 1854. | 305 |
| 1854. | Hybopsis, Agassiz, Am. Journ. Sc. and Arts. H. gracilis, Ag. 1854. | 358 |
| 1854. | Hypsolepis, Baird, Mss. in Agassiz, Am. Journ. Sc. and Arts. Cyprinus cornutus, Mitchill, 1818. | 359 |
| 1854. | Herichthys, Baird and Girard, Acad. Nat. Sc. Phila. H. cyanoguttatus, B. & G. 1854. | 25 |
| 1854. | Astyanax, Baird and Girard, Acad. Nat. Sc. Phila. A. argentatus, B. & G. 1854. | 26 |
| 1854. | Atherinopsis, Girard, Acad. Nat. Sc. Phila. Atherina menidia, Linnæus, 1766. | 134 |
| 1854. | Pogonichthys, Girard, Acad. Nat. Sc. Phila. P. inæquilobus, B. & G. 1854. | 136 |
| 1854. | Lavinia, Girard, Acad. Nat. Sc. Phila. L. exilicauda, B. & G. 1854. | 137 |
| 1854. | Cochlognathus, Baird and Girard, Acad. Nat. Sc. Phila. C. ornatus, B. & G. 1854. | 150 |
| 1855. | Cheilonemus, Baird, in Storer, Hist. Fishes of Mass. Leuciscus pulchellus, Storer, 1838. | 285 |
| 1855. | Bubalichthys, Agassiz, Amer. Journ. Sc. and Arts. Carpiodes urus, Ag. 1854. | 192 |
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| 1855. | Hylomyzon, Agassiz, Am. Journ. Sc. and Arts. Catostomus nigricans, LeSueur, 1817. | 205 |
| 1855. | Acrocheilus, Agassiz, Am. Journ. Sc. and Arts. A. alutaceus, Ag. 1855. | 211 |
| 1855. | Campostoma, Agassiz, Am. Journ. Sc. and Arts. Rutilus anomalus, Rafinesque, 1820. | 218 |
| 1855. | Hyborhynchus, Agassiz, Am. Journ. Sc. and Arts. Minnilus notatus, Rafinesque, 1820. | 223 |
| 1855. | Hybognathus, Agassiz, Am. Journ. Sc. and Arts. H. nuchalis, Ag. 1855. | 223 |
| 1855. | Ptychocheilus, Agassiz, Am. Journ. Sc. and Arts. P. gracilis, Ag. 1855. | 227 |
| 1855. | Mylocheilus, Agassiz, Am. Journ. Sc. and Arts. M. lateralis, Ag. 1855. | 229 |

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| 1855. | Mylopharodon, Ayres, Cal. Acad. Sciences. M. robustus, Ayres, 1855. | 33 |
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| 1856. | Dionda, Girard, Acad. Nat. Sc. Phila. D. episcopa, Grd. 1856. | 176 |
| 1856. | Algoma, Girard, Acad. Nat. Sc. Phila. A. amara, Grd. 1856. | 180 |
| 1856. | Orthodon, Girard, Acad. Nat. Sc. Phila. Gila microlepidotus, Ayres, 1855. | 182 |
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| 1856. | Meda, Girard, Acad. Nat. Sc. Phila. M. fulgida, Grd. 1856. | 191 |
| 1856. | Cliola, Girard, Acad. Nat. Sc. Phila. Ceraticthys vigilax, B. & G. 1853. | 192 |
| 1856. | Alburnellus, Girard, Acad. Nat. Sc. Phila. Alburnus dilectus, Grd. 1856. | 193 |
| 1856. | Alburnops, Girard, Acad. Nat. Sc. Phila. Alburnops bleinnius, Grd. 1856. | 194 |
| 1856. | Codoma, Girard, Acad. Nat. Sc. Phila. C. ornata, Grd. 1856. | 194 |
| 1856. | Cyprinella, Girard, Acad. Nat. Sc. Phila. Leuciscus bubalinus, B. & G. 1853. | 196 |
| 1856. | Moniana, Girard, Acad. Nat. Sc. Phila. Leuciscus lutrensis, B. & G. 1853. | 199 |
| 1856. | Richardsonius, Girard, Acad. Nat. Sc. Phila. Abramis balteatus, Richardson, 1836. | 201 |
| 1856. | Tiaroga, Girard, Acad. Nat. Sc. Phila. T. cobitis, Grd. 1856. | 204 |
| 1856. | Tigoma, Girard, Acad. Nat. Sc. Phila. Gila pulchella, B. & G. 1854. | 205 |

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| 1856. | Cheonda, Girard, Acad. Nat. Sc. Phila. C. cooperi, Grd. 1856. | 207 |
| 1856. | Siboma, Girard, Acad. Nat. Sc. Phila. Lavinia crassicauda, B. & G. 1854. | 209 |
| 1856. | Hudsonius, Girard, Acad. Nat. Sc. Phila. Clupea hudsonia, Clinton, 1824. | 210 |
| 1856. | Clinostomus, Girard, Acad. Nat. Sc. Phila. Luxilus clongatus, Kirtland, 1838. | 211 |
| 1856. | Ceraticthys, Baird, Mss. in Grd., Proc. Acad. Nat. Sc. Phila. N. S. VI. Semotilus biguttatus, Kirtland, 1840. | 212 |
| 1859. | Scolecospoma, Girard, Report Pac. R. R. Survey X. Ammocœtes concolor, Kirtland, 1841. | 384 |
| 1859. | Typhlichthys, Girard, Acad. Nat. Sc. Phila. T. subterraneus, Grd. 1859. | 63 |
| 1859. | Arlina, Girard, Acad. Nat. Sc. Phila. A. effulgens, Grd. 1859. | 64 |
| 1859. | Estrella, Girard, Acad. Nat. Sc. Phila. E. atromaculatus, Grd. 1859. | 65 |
| 1859. | Oligocephalus, Girard, Acad. Nat. Sc. Phila. Pœcilichthys lepidus, Grd. 1858. | 67 |
| 1859. | Alvordius, Girard, Acad. Nat. Sc. Phila. A. maculatus, Grd. 1859. | 68 |
| 1859. | Alvarius, Girard, Acad. Nat. Sc. Phila. A. lateralis, Grd. 1859. | 101 |
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| 1859. | Adinia, Girard, Acad. Nat. Sc. Phila. A. multifasciata, Grd. 1859. | 117 |
| 1859. | Lucania, Girard, Acad. Nat. Sc. Phila. Limia venusta, Grd. 1858. | 118 |
| 1859. | Synechoglanis, Gill, Ann. N. Y. Lyceum Nat. Hist. S. beadlii, Gill, 1859. | 40 |
| 1860. | Stenodus Richardson. ———. Salmo Mackenzii Rich. 1823. | |
| 1860. | Aspropera Heckel. Syst. der Percoiden. A. zebra Heckel. Mss. | 311 |
| 1860. | Ptyonotus, Günther, Catalogue of Fishes II. Trigloopsis thompsonii, Grd. 1851. | 175 |

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| 1860. | Potamocottus, Gill, Proc. Boston Soc. Nat. Hist. P. punctulatus, Gill, 1860. | 41 |
| 1860. | Girardinichthys, Bleeker, "Cyprinodonts." G. innominatus, Bleek. 1860. | 481 |
| 1861. | Archoplites, Gill, Proc. Acad. Nat. Sc. Phila. Ambloplites interruptus, Girard, 1859. | 165 |
| 1861. | Platygobio, Gill. Pogonichthys communis, Grd. 1854. | |
| 1861. | Pygosteus, Brevoort, in Gill's Cat. of Fishes of East Coast. Gasterosteus occidentalis, Cuvier and Valenciennes, 1829. | 39 |
| 1862. | Entosphenus, Gill, Proc. Acad. Nat. Sc. Phila. Petromynon tridentatus, Baird. | 331 |
| 1862. | Hypsifario, Gill, Proc. Acad. Nat. Sci. Phila. Salmo kennerlyi, Suckley. | 331 |
| 1863. | Nothonotus, Agassiz, in Putnam's Bull. Mus. Comp. Zool. I. Etheostoma maculata, Kirtland, 1838. | 3 |
| 1863. | Microperca, Putnam, Bull. Mus. Comp. Zool. I. M. punctulata, Put. 1863. | 4 |
| 1863. | Holelepis, Agassiz, in Putnam's Bull. Mus. Comp. Zool. I. Boleosoma barrattii, Holbrook, 1855. | 4 |
| 1863. | Cottogaster, Putnam, Bull. Mus. Comp. Zool. I. Boleosoma tessellatum, Thompson, 1853. | 4 |
| 1863. | Pleurolepis, Agassiz, Bull. Mus. Comp. Zool. I. Etheostoma pellucidum, Baird Mss. 1863. | 5 |
| 1863(?). | Schilbeoides, Bleeker, "Act. Soc. Sc. Indo-Nederl. IV." Siluris gyrinus Mit. 1818. | 258 |
| 1864. | Mesogonistius, Gill, Am. Journ. Sc. and Arts. Pomotis chaetodon, Baird, 1855. | 92 |
| 1864. | Enneacanthus, Gill, Am. Journ. Sc. and Arts. Pomotis obesus, Girard, 1844. | 92 |
| 1864. | Acantharchus, Gill, Am. Journ. Sc. and Arts. Centrarchus pomotis, Baird, 1855. | 92 |
| 1864. | Hyperistius, Am. Journ. Sc. and Arts. Centrarchus hexacanthus, Cuvier, 1831. | 92 |

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| 1864. | Chænobryttus, Gill, Am. Journ. Sc. and Arts. Calliurus melanops, Girard, 1857. | 92 |
| 1864. | Eucentrarchus, Gill, Am. Journ. Sc. and Arts. Perca iridea, Bosc. 17— (no descr.). | 93 |
| 1864. | Gronias, Cope, Proc. Acad. Nat. Sc. Phila. G. nigrilabris, Cope, 1864. | 231 |
| 1865. | Ericymba, Cope, Proc. Acad. Nat. Sc. Phila. E. buccata, Cope, 1865. | 88 |
| 1865. | Stilbius, Gill, Canadian Naturalist. Cyprinus americanus, Lacépède, 1800. | 18 |
| 1865. | Micristius, Gill, Canadian Naturalist. Fundulus zonatus, Cuvier and Valenciennes. | 24 |
| 1866. | Luciotrutta, Günther, Catalogue Fishes VI. Salmo mackenzii, Richardson, 1823. | 164 |
| 1866. | Limnurgus, Günther, Catalogue Fishes VI. L. variegatus, Gnthr. 1866. | 309 |
| 1866. | Photogenis, Cope, Trans. Am. Phil. Soc. P. spilopterus, Cope, 1866. | 378 |
| 1867. | Phenacobius, Cope, Proc. Acad. Nat. Sc. Phila. P. teretulus, Cope, 1867. | 96 |
| 1869. | Hemioplites, Cope, Journ. Acad. Nat. Sc. Phila. H. simulans, Cope, 1868. | 217 |
| 1870. | Hypohomus, Cope, Proc. Am. Phil. Soc. Cottogaster aurantiacus, Cope, 1870. | 449 |
| 1870. | Labidesthes, Cope, Proc. Am. Phil. Soc. Chirostoma sicculum, Cope, 1865. | 455 |
| 1870. | Hemitremia, Cope, Proc. Am. Phil. Soc. H. vittata, Cope, 1870. | 462 |
| 1870. | Placopharynx, Cope, Proc. Am. Phil. Soc. P. carinatus, Cope, 1870. | 467 |
| 1872. | Coliscus, Cope, Hayden's Geol. Sur. Wyoming, 1870. C. parietalis, Cope, 1872. | 437 |
| 1872. | Sarcidium, Cope, Hayden's Geol. Sur. Wyoming, 1870. S. scopiferum, Cope, 1872. | 440 |
| 1872. | Apocope, Cope, Hayden's Geol. Sur. Wyoming, 1871. A. carringtonii, Cope, 1872. | 472 |
| 1872. | Protoporus, Cope, Hayden's Geol. Sur. Wyoming, 1871. P. dominus, Cope, 1872. | 473 |

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| 1877.] | NATURAL SCIENCES OF PHILADELPHIA. | 95 |
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| 1872. | <i>Myloleucus</i> , Cope, Hayden's Geol. Sur. Wyoming. <i>M. pulverulentus</i> , Cope, 1872. | 475 |
| 1873. | <i>Plesioperca</i> , LeVaillant, Nouvelles Archives du Mu- seum. <i>P. anceps</i> , LeV. 1874. | 36 |
| 1873. | <i>Astatischthys</i> , LeVaillant, Nouv. Arch. Mus. <i>Etheostoma cærulea</i> , Storer, 1845. | 106 |
| 1874. | <i>Plagopterus</i> , Cope, Proc. Am. Phil. Soc. <i>P. argentissimus</i> , Cope, 1874. | 130 |
| 1874. | <i>Lepidomeda</i> , Cope, Proc. Am. Phil. Soc. <i>L. vittata</i> , Cope, 1874. | 131 |
| 1876. | <i>Erimyzon</i> , Jordan, Bull. Buff. Nat. Hist. Soc. <i>Cyprinus oblongus</i> , Mitchill, 1815. | 95 |
| 1876. | <i>Eritrema</i> , Cope, Lieut. Wheeler's Survey west of 100th meridian. <i>Apocope henshavi</i> , Cope, 1876. | 645 |
| 1876. | <i>Pantosteus</i> , Cope, Lieut. Wheeler's Survey west of 100th meridian. <i>Minomus platyrhynchus</i> , Cope, 1874. | 673 |
| 1876. | <i>Glossoplites</i> , Jordan, Manual Vertebrates, E. U. S. <i>Calliurus melanops</i> , Girard, 1857. | 233 |
| 1876. | <i>Eutyachelithus</i> , Jordan, Manual Vertebrates, E. U. S. <i>Corvina richardsonii</i> , Cuvier and Valenciennes, 1830. | 242 |
| 1876. | <i>Eucalia</i> , Jordan, Manual Vertebrates, E. U. S. <i>Gasterosteus inconstans</i> , Kirtland, 1840. | 248 |
| 1876. | <i>Lythrurus</i> , Jordan, Manual Vertebrates, E. U. S. <i>Semotilus diplemius</i> , Rafinesque, 1820. | 272 |
| 1876. | <i>Erinemus</i> , Jordan, Manual Vertebrates, E. U. S. <i>Ceraticthys hyalinus</i> , Cope, 1869. | 279 |
| 1876. | <i>Sternotremia</i> , Nelson, Bull. Ill. Mus. Nat. Hist. <i>S. isolepis</i> , Nelson, 1876. | 39 |
| 1876. | <i>Copelandia</i> , Jordan, Bull. Buff. Soc. Nat. Hist. <i>C. eriarcha</i> , Jord. 1876. | 137 |
| 1876. | <i>Xenisma</i> , Jordan, Bull. Buff. Soc. Nat. Hist. <i>X. stellifera</i> , Jord. 1876. | 142 |
| 1876. | <i>Scaphirhynchops</i> , Gill, Mss. in Jordan and Copeland Bull. Buff. Soc. Nat. Hist. <i>Acipenser platorynchus</i> , Rafinesque, 1820. | 161 |

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| 1877. | Imostoma, Jordan, Proc. Acad. Nat. Sc. Phila. Hadropterus shumardii, Grd. 1859. | 49 |
| 1877. | Xenotis, Jordan, Proc. Acad. Nat. Sc. Phila. Pomotis fallax, B. & G. 1854. | 76 |
| 1877. | Episema, Cope & Jordan, Proc. Acad. Nat. Sc. Phila. Photogenis scabriceps, Cope, 1867. | 77 |

II. SYNONYMS.

The members of each of the following sets of genera appear to be founded on the same type species. In case no type is suggested by the original author, one of the species mentioned by him must be selected as the type. By the rule of exclusion, now largely adopted by systematic writers, some one of the species left after different genera may have been subtracted is to be considered as the type of the original genus, whether such type be the species first mentioned or not. Of such exact synonyms only the name first proposed should be employed, according to the rules of zoological nomenclature, unless for some reason the prior name be not available. The name to be adopted is in italics.

| <i>Type species.</i> | <i>Genera.</i> |
|------------------------------|---|
| Etheostoma variata Kirt., | Pæcilosoma (preoccupied), <i>Pæclichthys</i> , Astaticthys. |
| Etheostoma olmstedii Storer, | <i>Boleosoma</i> , ? Arlina, Estrella. |
| Sciæna caprodes Raf., | Percina, Pileoma, Asproperca. |
| Calliurus melanops Grd., | <i>Chænobryttus</i> , Glossoplites. |
| Perca iridea Bosc., | <i>Centrarchus</i> , Eucentrarchus. |
| Labrus salmoides Lac. | <i>Micropterus</i> , Calliurus, Lepomis, Aplites, Nemocampsis, Dioplites, Grystes. |
| Aplodinotus grunniens Raf., | Aplodinotus (<i>Haploidonotus</i>), Amblodon. |
| Trigloopsis thompsoni Grd., | <i>Trigloopsis</i> , Ptyonotus. |
| Lucania sp. incog. Grd., | <i>Girardinichthys</i> , Limnurgus. |
| Percopsis guttatus Ag., | <i>Percopsis</i> , Salmoperca. |
| Salmo mackenzii Rich., | <i>Stenodus</i> , Luciotrutta. |
| Hiodon tergisus Le S., | Hiodon (<i>Ilyodon</i>), Glossodon (Raf.), Amphiodon, Clodalus, Glossodon (Heck.) |

| <i>Type species.</i> | <i>Genera.</i> |
|-------------------------------|--|
| Cyprinus cornutus Mit., | <i>Luxilus</i> , <i>Hypsolepis</i> . |
| Cyprinus atronasmus Mit. | <i>Arygreus</i> (preoccupied), <i>Rhinichthys</i> . |
| Leuciscus argenteus Storer, | <i>Leucosomus</i> , <i>Cheilonemus</i> . |
| Cyprinus maxillingua Le S., | <i>Exoglossum</i> , <i>Maxillingua</i> . |
| Cyprinus Americanus Lac., | <i>Notemigonus</i> , <i>Stilbe</i> , <i>Stilbius</i> . |
| Catostomus nigricans Le S., | <i>Hypentelium</i> , ? <i>Eurystomus</i> , <i>Hylomyzon</i> . |
| Catostomus cyprinus Le S., | <i>Carpiodes</i> , <i>Sclerognathus</i> . |
| Silurus olivaris Raf., | <i>Glanis</i> (not char.), <i>Pylo dietis</i> (erroneous), <i>Leptops</i> , <i>Opladelus</i> (<i>Hopladelus</i>), <i>Ilictis</i> . |
| Silurus punctatus Raf., | <i>Ictalurus</i> , <i>Ellio ps</i> . |
| Litholepis adamantinus Raf., | <i>Litholepis</i> , <i>Atractosteus</i> . |
| Polyodon folium Lac., | <i>Polyodon</i> , <i>Spatularia</i> , <i>Platirostra</i> (<i>Planirostra</i>). |
| Acipenser platyrhynchus Raf., | <i>Scaphirhynchus</i> (preoccupied), <i>Scaphirhynchops</i> . |
| Esox osseus Linn., | <i>Lepisosteus</i> (<i>Lepidosteus</i>), <i>Sarchirus</i> . |

III. SUMMARY.

The foregoing catalogue comprises 225 names of genera and subgenera, whereof about 128 seem to be entitled to generic rank, and the remaining 97 are either synonyms, or else entitled to use only as designations for sections and subgenera in works where the recognition of such groups by name seems desirable.

A list of the authors referred to is here given, with the number of genera proposed by each, classified as valid and invalid as above indicated. Of course, until unanimity is reached in matters of nomenclature such an arrangement is extremely arbitrary.

| <i>Authors.</i> | <i>Valid Genera.</i> | <i>Subgenera and Synonyms.</i> | <i>Total.</i> |
|-----------------------------------|----------------------|------------------------------------|---------------|
| Rafinesque | 27 | 36 | 63 |
| Girard | 25 | 12 | 37 |
| Agassiz | 17 | 8 | 25 |
| Cope | 14 | 4 | 18 |
| Gill | 8 | 7 | 15 |
| Jordan | 8 | 2 | 10 |
| Dekay | 4 | 4 | 8 |
| Lacépède | 6 | .. | 6 |
| Le Sueur | 4 | 1 | 5 |
| Cuvier and Valenciennes | 2 | 4 | 6 |
| Heckel | 1 | 4 | 5 |
| Baird and Girard | 3 | 1 | 4 |
| Baird | .. | 3 | 3 |
| Bieeker | 1 | 1 | 2 |
| Günther | .. | 3 | 3 |
| Putnam | 1 | 1 | 2 |
| Le Vaillant | .. | 2 | 2 |
| Mitchill | 2 | .. | 2 |
| Linnaeus | 1 | .. | 1 |
| Shaw | .. | 1 | 1 |
| Haldeman | 1 | .. | 1 |
| Richardson | 1 | .. | 1 |
| Thompson | .. | 1 | 1 |
| Ayres | .. | 1 | 1 |
| Brevoort | 1 | .. | 1 |
| Nelson | 1 | .. | 1 |
| Cope & Jordan | 1 | .. | 1 |
| Total | <hr/> 128 | <hr/> 97 | <hr/> 225 |

IV. NOMENCLATOR.

1864. *Acantharchus*: *akantha*, spine—*archos*, anus.
 1856. *Acomus*: vox euphon.
 1855. *Acrocheilus*: *akros*, sharp—*cheilos*, lip.
 1859. *Adinia*: vox euphon.
 1856. *Agosia*: vox euphon.
 1856. *Alburnellus*: *Alburnus*. (Latin, albus, white.)
 1856. *Alburnops*: *Alburnus*—*ops*, appearance.

1856. *Algansea*: vox euphon.
1856. *Algoma*: vox barbar.
1859. *Alvarius*: vox euphon.
1859. *Alvordius*: Ded. to Major B. Alvord.
1819. *Ambledon*: *amblus*, blunt—*odon*, tooth.
1820. *Ambloplites*: *amblus*, blunt—*hoplitēs*, armed.
1842. *Amblyopsis*: *amblus*, blunt, *opsis*, vision.
1820. *Ameiurus*: *a*, privative—*meiouros*, curtailed (notched).
1766. *Amia*: *amia*, name of some sea fish; probably *Sarda pelamys*.
1819. *Amphiodon*: *amphi*, on all sides—*odon*, tooth.
1842. *Apeltes*: *a*, privative—*pelte*, a shield.
1833. *Aphredoderus*: *aphros*, foam—*deire*, neck.
1820. *Aplesion*: *haploos*, single—*plēsion*, near.
1820. *Aplites*: *haploos*, single—*hoplitēs*, armed.
1819. *Aplocentrus*: *haploos*, single—*kentron*, spine.
1819. *Aplodinotus*: *haploos*, single—*nōtos*, back (dorsal fin).
1872. *Apocope*: *apokopē*, a deficiency (lateral line).
1819. *Apomotis*: *a*, privative—*poma*, opercle—*ous*, ear.
1861. *Archoplites*: *archos*, anal—*hoplitēs*, armed.
1842. *Argyrea*: *argureos*, silvery.
1840. *Argyreus*: *argureos*, silvery.
1850. *Argyrosomus*: *arguros*, silver—*sōma*, body.
1859. *Arlina*: vox euphon.
1860. *Asproperca*: *Aspro*—*Perca*.
1874. *Astaticthys*: *astatos*, inconstant, never standing still—*ichthus*, fish.
1854. *Astyanax*: *astuanax*, the son of Hector.
1854. *Atherinopsis*: *atherine*, some small fish—*opsis*, appearance (*athar*, an arrow).
1820. *Atractosteus*: *atraktos*, spindle dart—*osteon*, bone.
1842. *Baione*: *baiōn*, some small fish known to the ancients.
1859. *Boleichthys*: *bolis*, a dart—*ichthus*, fish.
1842. *Boleosoma*: *bolis*, a dart—*sōma*, body.
1831. *Bryttus*: *bruttō*, to growl.
1855. *Bubalichthys*, *boubalos*, a buffalo—*ichthus*, fish.
1819. *Calliurus*: *kalos*, beautiful—*oura*, tail.
1855. *Campostoma*: *kampē*, curve—*stoma*, mouth.
1820. *Carpiodes*: Lat. *carpio*, a carp.
1854. *Catonotus*: *kato*, low—*nōtos*, back.

1817. *Catostomus*: *kato*, low—*stoma*, mouth.
1829. *Centrarchus*: *kentron*, spine—*archos*, anus.
1853. *Ceraticthys*: *keras*, horn—*ichthus*, fish.
1864. *Chænobryttus*: *chainō*, to gape, to yawn—*Bryttus*.
1855. *Cheilonemus*: *cheilos*, lip—*nēma*, thread (barbel).
1856. *Cheonda*: vox euphon.
1854. *Chologaster*: *chōlos*, maimed—*gastēr*, belly (ventral fins).
1820. *Chrosomus*: *chrōs*, color—*sōma*, body.
1856. *Clinostomus*: *klinō*, to incline—*stoma*, mouth.
1856. *Cliola*: vox euphon.
1820. *Clodalus*.
1854. *Cochlognathus*: *kochlos*, shell—*gnathos*, jaw.
1856. *Codoma*: vox euphon.
1872. *Coliscus*: *kolos*, a deficiency.
1876. *Copelandia*: Ded. to Herbert Edson Copeland.
1863. *Cottogaster*: *kottos*, sculpin—*gastēr*, belly.
1850. *Cottopsis*, *Cottus*: *opsis*, appearance.
1819. *Cycleptus*: *kuklos*, circle—*leptos*, slender (small round mouth).
1820. *Cylindrosteus*: *kulindros*, cylinder—*osteon*, bone.
1856. *Cyprinella*: *Cyprinus*.
1803. *Cyprinodon*: *kuprinos*, carp—*odōn*, tooth.
1820. *Decaetylus*: *dekas*, ten—*tulos*, nail (ventral rays).
1820. *Dinectus*: *dis*, two—*nēktēs*, swimmer.
1856. *Dionda*: vox euphon.
1820. *Dioplites*: *dis*, two—*hoplitēs*, armed.
1820. *Diplesion*: *dis*, two—*plesion*, near (dorsal fin).
1820. *Dorosoma*: *doru*, lance—*sōma*, body.
1820. *Elliops*: (elliptical eyes).
1864. *Enneacanthus*: *ennea*, nine—*akantha*, spine.
1862. *Entosphenus*; *entos*, within—*sphenos*, wedge.
1877. *Episema*: *epi*, over; *sema*, banner (dorsal fin).
1865. *Ericymba*: *eri*, an intensive particle—*kumba*, cavity (mucous tubes).
1876. *Erimyzon*: *eri*, intensive particle—*muzaō*, to suck.
1876. *Erinemus*: *eri*, intensive particle—*nēma*, thread (barbel).
1876. *Eritrema*: *eri*, intensive particle—*trēma*, aperture (pores of lateral line).
1859. *Estrella*: vox euphon.
1820. *Etheostoma*: "Various mouths" (Rafinesque).

1876. Eucalia: *eu*, intensive particle—*kalia*, nest.
 1864. Eucentrarchus: *eu*, intensive particle—Centrarchus.
 1820. Eurystomus: *eurus*, wide—*stoma*, mouth.
 1876. Entychelithus: *eutuchēs*, lucky—*lithos*, stone.
 1818. Exoglossum: *exo*, outside—*glōssa*, tongue.
 1803. Fundulus: Lat. *fundus*, bottom.
 1853. Gila: Gila River.
 1860. Girardinichthys: *Girardinus* (Dr. Charles Girard)—*ichthus*, fish.
 1818. Glossodon: *glōssa*, tongue—*odōn*, tooth.
 1840. Glossodon: *glōssa*, tongue—*odōn*, tooth.
 1876. Glossoplites: *glōssa*, tongue—*hoplitēs*, armed.
 1864. Gronias: *grōnē*, a cavern.
 1829. Grystes: *gruzō*, to growl.
 1854. Hadropterus: *hadros*, strong—*pteron*, fin.
 1869. Hemioplites: *hēmi*, half—*hoplitēs*, armed.
 1870. Hemitremia: *hēmi*, half—*trēma*, pore (lateral line).
 1854. Herichthys: *Heros*, an allied genus—*ichthus*, fish.
 1854. Heterandria: *heteros*, different—*andria*, males.
 1818. Hiodon: “toothed tongue” (*os hyoïdes*).
 1863. Hololepis: *holos*, whole—*lepis*, scale (entirely scaly).
 1856. Hudsonius: Hudson River.
 1828. Huro: Lake Huron.
 1855. Hybognathus: *hubos*, gibbous—*gnathos*, jaw.
 1854. Hybopsis: *hubos*, gibbous—*opsis*, face.
 1855. Hyborhynchus: *hubos*, gibbous—*rhugchos*, snout.
 1803. Hydrargira: *hudōr*, water, *arguros*, silver.
 1855. Hylomyzon: *hule*, mud—*muzaō*, to suck.
 1854. Hyostoma: *hus*, hog—*stoma*, mouth.
 1818. Hypentelium: *hupo*, below—*pente*, five (lower lip five-lobed).
 1864. Hyperistius: *huper*, above (high)—*hition*, sail (dorsal fin).
 1870. Hypohomus: *hupo*, below—*homos*, even, uniform.
 1862. Hypsifario: *hupsi*, high—*fario*, a brook trout.
 1854. Hypsolepis: *hupsi*, high—*lepis*, scale.
 1820. Ictalurus: *ichthus*, fish—*ailouros*, cat.
 1820. Icthelis: *ichthus*, fish—*hēlios*, sun
 1820. Ictiobus: *ichthus*, fish—*bous*, buffalo.
 1820. Illictis: *ilus*, mud—*ichthus*, fish

1877. Imostoma: *eimi*, to move, to go—*stoma*, mouth.
1870. Labidesthes: *labia*, a pair of forceps—*esthio*, to eat.
1854. Lavinia: vox euphon.
1820. Lepibema: *lepis*, scale—*bēma*, a stair (from scaly bases of fins).
1874. Lepidomeda: *lepis*, scale—Meda.
1803. Lepisosteus: *lepis*, scale—*osteon*, bone.
1819. Lepomis: *lepis*, scale—*pōma*, opercle.
1823. Leptops: *leptos*, slender—*ops*, eye.
1819. Leucops: *leukos*, white—*ops*, eye.
1843. Leucosomus: *leukos*, white—*soma*, body.
1866. Limnurgus: *limnē*, a pond.
1818. Litholepis: *lithos*, stone—*lepis*, scale.
1859. Lucania: vox euphon.
1866. Luciotrutta: Lat. *lucius*, pike—*trutta*, trout.
1820. Luxilus: Lat. *lux*, shining, light ("shiner").
1876. Lythrurus: *luthron*, blood—*oura*, tail.
1818. Maxillingua: Lat. *maxilla*, jaw—*lingua*, tongue.
1856. Meda: vox euphon.
1854. Melanura: *melas*, black—*oura*, tail.
1864. Mesogonistius: *mesos*, middle—*gōnia*, angle—*hision*, sail.
1863. Micropereca: *mikros*, small—Pereca (*perkē*).
1801. Micropterus: *mikros*, small—*pteron*, fin.
1865. Micristius: *mikros*, small—*hision*, sail (dorsal fin).
1820. Minnilus: Eng. minnow; Fr. *menuise*; Lat. *minus*, small.
1856. Minomus: vox euphon.
1821. Mollienesia: Ded. to Monsieur Mollien (French Minister of Finance, a patron of Péron).
1856. Moniana: *monos*, single (row of pharyngeal teeth). (?)
1814. Morone.
1820. Moxostoma: *muzaō*, to suck—*stoma*, mouth.
1855. Mylocheilus: *mulos*, millstone, grinder—*cheilos*, lip.
1872. Myloleucus: *mulos*, grinder—*leukos*, shiner.
1855. Mylopharodon: *mulos*, grinder—*pharugx*, pharynx—*odōn*, tooth.
1820. Nemocampsis: *nēma*, thread (lateral line) — *kampsos*, curved.
1856. Nocomis: "Daughter of the Moon." (Longfellow.)
1819. Notemigonus: *nōtos*, back—*hēmi*, half—*gōnos*, angle.
1863. Nothonotus: *nothos*, spurious—*nōtos*, back.

1818. Notropis: *nōtos*, back—*tropis*, keel.
 1819. Noturus: *nōtos*, back—*oura*, tail.
 1859. Oligocephalus: *oligos*, few (small)—*kephalē*, head.
 1820. Opladelus: *hoplon*, armature—*adēlos*, invisible, concealed.
 1856. Orthodon: *orthos*, straight—*odōn*, tooth.
 1876. Pantosteus: *pantos*, entirely—*osteon*, bone.
 1820. Pegedictis: *pēgē*, spring—*ichthus*, fish.
 1842. Percina: *Perca*.
 1850. Percopsis: *Perca* (*perkē*)—*opsis*, appearance.
 1867. Phenacobius: *phenax*, deceptive—*bios*, life.
 1866. Photogenis: *phōs*, light—*gennao*, to bear (born of light).
 1820. Picorellus: pickerel (vernacular).
 1842. Pileoma: *pileo*, to comb (ctenoid?).
 1820. Pimephales: *pimelēs*, fat—*kephalē*, head.
 1870. Placopharynx: *plax*, broad—*pharugx*, pharynx.
 1874. Plagopterus: *plage*, a wound—*pteron*, fin.
 1820. Plargyrus: *pleura*, side—*argyros*, silvery.
 1818. Platirostra: *platus*, broad—Lat. *rostrum*, snout. (Vox
 hybrida.)
 1861. Platygobio: *platus*, broad—*Gobio*.
 1874. Plesioperca: *plēsion*, near—*Perca*.
 1863. Pleurolepis: *pleuron*, side—*lepis*, scale.
 1854. Pæcilichthys: *poikilos*, variegated—*ichthus*, fish.
 1850. Pæcilosoma: *poikilos*, variegated—*sōma*, body
 1798. Polyodon: *polus*, many—*odōn*, tooth.
 1854. Pogonichthys: *pōgōn*, beard—*ichthus*, fish.
 1819. Pogostoma: *pōgōn*, beard—*stoma*, mouth.
 1820. Pomacampsis: *pōma*, opercle—*kampsis*, curved.
 1820. Pomolobus: *pōma*, opercle—*lobos*, lobe.
 1820. Pomotis: *pōma*, opercle—*ous*, ear.
 1818. Pomoxis: *pōma*, opercle—*oxus*, sharp.
 1861. Potamocottus: *potamos*, river—*Cottus*.
 1820. Proceros: *pro*, before—*keras*, horn.
 1872. Protoporus: *prōtos*, before—*poros*, pore.
 1855. Ptychocheilus: *ptuche*, a fold—*cheilos*, lip.
 1855. Ptychostomus: *ptuche*, a fold—*stoma*, mouth.
 1860. Ptyonotus: *ptuon*, fan—*nōtos*, back.
 1861. Pygosteus: *puge*, vent, rump—*osteon*, bone.
 1819. Pylodictis: *pelos*, mud—*ichthus*, fish.
 1850. Rhinichthys: *rhin*, snout—*ichthus*, fish.

1856. Richardsonius: Ded. to Sir John Richardson.
1814. Roccus: vox barbar. (Rock fish.)
1850. Salmoperca: *Salmo*—*Perca*.
1818. Sarchirus: *sarx*, flesh—*cheir*, hand.
1872. Sarcidium: *sarkidion*, a little lump of flesh.
1876. Scaphirhynchops: *Scaphirhynchus*—*ops*, appearance.
1835. Scaphirhynchus: *skaphe*, spade—*rhugchos*, snout.
- 1863? Schilbeoides: *Schilbe*.
1844. Sclerognathus: *skleros*, hard—*gnathos*, jaw.
1859. Scolecossoma: *skōlēx*, a worm—*sōma*, body.
1820. Semotilus: *sēma*, banner (dorsal fin)—*telia*, or some other word used by Rafinesque for "spotted."
1856. Siboma: vox euphon.
1804. Spatularia: Lat. *spatula*.
1860. Stenodus: *stenos*, narrow—*odōn*, tooth.
1820. Sterletus: Sterlet, a European sturgeon.
1876. Sternotremia: *sternon*, breast, thorax—*trēma*, vent.
1842. Stilbe: *stilbē*, to shine, to glitter.
1865. Stilbius: *stilbē*, to shine, to glitter.
1820. Stizostedion: *stizō*, to prick—*stēthos*, breast.
1820. Sturio: Lat. *sturgeon*.
1859. Synechloglanis: *sunēcho*, to repeat, to re-echo—*glanis*, the fish "Silurus."
1820. Telipomis: *telia*, "spotted" (see Semotilus) — *pōma*, opercle.
1820. Teretulus: Lat. *teres*, terete.
1856. Tiaroga: vox barbar.
1856. Tigoma: vox barbar.
1851. Trigloopsis: *Trigla*—*opsis*, appearance.
1859. Typhlichthys: *tuphlos*, blind—*ichthus*, fish.
1842. Uranidea: *ouranos*, sky, heavens—*eidō*, to gaze.
1876. Xenisma: *xenisma*, surprise.
1877. Xenotis: *xenos*, wonderful—*ous*, ear.
1854. Zygonectes: *zugos*, a yoke (in pairs)—*nēktēs*, swimmer.